

WHAT IS CLAIMED IS:

1. A wrench structure, comprising a body, a rotation member, a drive rod, and a press rod, wherein:

the body has an inside formed with an axial receiving hole and has a
5 peripheral wall formed with a transverse limit hole communicating with the receiving hole;

the rotation member is rotatably mounted on the body and has a first end formed with a plurality of ratchet teeth arranged in an annular manner;

the drive rod is movably mounted in the receiving hole of the body
10 and has a first end provided with a plurality of engaging teeth meshing with the ratchet teeth of the rotation member and a second end formed with a groove facing the limit hole of the body, the groove of the drive rod has a side formed with an oblique face; and

the press rod is movably mounted in the limit hole of the body and
15 has a first end formed with a through hole mounted on the drive rod and aligned with the groove of the drive rod, the through hole of the press rod has a wall that is movable to press the oblique face of the drive rod so as to move the drive rod away from the rotation member, thereby detaching the engaging teeth of the drive rod from the ratchet teeth of the rotation member.

20 2. The wrench structure in accordance with claim 1, wherein the body has a substantially U-shaped opened end formed with two pivot holes, the first end of the rotation member is pivotally mounted on the opened end of the

body and is formed with a pivot hole, and the wrench structure further comprises a pivot shaft extended through the two pivot holes of the body and the pivot hole of the rotation member.

3. The wrench structure in accordance with claim 1, wherein the
5 receiving hole of the body is extended to the opened end of the body.

4. The wrench structure in accordance with claim 1, wherein the rotation member has a second end formed with a driving head.

5. The wrench structure in accordance with claim 1, wherein the press rod has a second end protruded outward from the limit hole of the body.

10 6. The wrench structure in accordance with claim 1, further comprising a first elastic member mounted in the receiving hole of the body and urged between the second end of the drive rod and the body.

7. The wrench structure in accordance with claim 1, further comprising a second elastic member mounted in the limit hole of the body and
15 urged between the first end of the press rod and the body.

8. The wrench structure in accordance with claim 1, further comprising a control ring rotatably mounted on the body and having an inner wall formed with an arc-shaped urging face that is movable to press the press rod toward the body.

20 9. The wrench structure in accordance with claim 1, wherein the first end of the drive rod is formed with a screw bore, and the wrench structure further comprises a mounting head mounted on the first end of the drive rod

and formed with the engaging teeth meshing with the ratchet teeth of the rotation member, and a screw member extended through the mounting head and screwed into the screw bore of the drive rod.

10. The wrench structure in accordance with claim 1, wherein the
5 press rod has a plate shape, and the drive rod has a plate shape.

11. A wrench structure, comprising a body, a rotation member, a drive rod, and a press rod, wherein:

the body has an inside formed with an axial receiving hole and has a peripheral wall formed with a transverse limit hole communicating with the
10 receiving hole;

the rotation member is rotatably mounted on the body and has a first end formed with a plurality of ratchet teeth arranged in an annular manner;

the drive rod is movably mounted in the receiving hole of the body and has a first end provided with a plurality of engaging teeth meshing with the
15 ratchet teeth of the rotation member and a second end formed with a stepped hole facing the limit hole of the body and having a first side formed with an arc-shaped press edge and a second side formed with an arc-shaped resting edge; and

the press rod is movably mounted in the limit hole of the body and
20 the stepped hole of the drive rod and has a first end formed with an oblique face rested on the press edge of the drive rod and a resting edge rested on the resting edge of the drive rod.

12. The wrench structure in accordance with claim 11, wherein the body has a substantially U-shaped opened end formed with two pivot holes, the first end of the rotation member is pivotally mounted on the opened end of the body and is formed with a pivot hole, and the wrench structure further comprises a pivot shaft extended through the two pivot holes of the body and the pivot hole of the rotation member.

13. The wrench structure in accordance with claim 11, wherein the receiving hole of the body is extended to the opened end of the body.

14. The wrench structure in accordance with claim 11, wherein the rotation member has a second end formed with a driving head.

15. The wrench structure in accordance with claim 11, wherein the press rod has a second end protruded outward from the limit hole of the body.

16. The wrench structure in accordance with claim 11, further comprising an elastic member mounted in the receiving hole of the body and urged between the second end of the drive rod and the body.

17. The wrench structure in accordance with claim 11, wherein the press rod has a plate shape, and the drive rod has a plate shape.

18. The wrench structure in accordance with claim 11, wherein the first end of the drive rod is formed with a screw bore, and the wrench structure further comprises a mounting head mounted on the first end of the drive rod and formed with the engaging teeth meshing with the ratchet teeth of the

rotation member, and a screw member extended through the mounting head and screwed into the screw bore of the drive rod.